

Title (en)  
ORGANIC OPTOELECTRONIC COMPONENT

Title (de)  
ORGANISCHES OPTOELEKTRONISCHES BAUELEMENT

Title (fr)  
COMPOSANT OPTOÉLECTRONIQUE ORGANIQUE

Publication  
**EP 1982362 B1 20170308 (DE)**

Application  
**EP 07711334 A 20070111**

Priority  
• EP 2007000208 W 20070111  
• EP 06000436 A 20060111  
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Abstract (en)  
[origin: EP1808909A1] The device has organic layers attached on a substrate and comprising a charge carrier transporting layer for electrons or holes made of organic material, and a light emitting layer made of organic material, where a fullerene layer is designed as a laminar electrode or as the charge carrier transporting layer. A metal layer (3b) is attached in direct contact with the fullerene layer, and an injection layer is made of lithium fluoride. An independent claim is also included for a method for manufacturing an electroluminescent light-emitting device.

IPC 8 full level  
**H01L 51/52** (2006.01); **H10N 10/856** (2023.01)

CPC (source: EP US)  
**B82Y 10/00** (2013.01 - EP US); **H10K 50/155** (2023.02 - EP US); **H10K 50/165** (2023.02 - EP US); **H10K 50/814** (2023.02 - US); **H10K 50/824** (2023.02 - US); **H10K 59/80516** (2023.02 - EP); **H10K 59/80521** (2023.02 - EP); **H10K 59/80522** (2023.02 - EP); **H10K 71/30** (2023.02 - EP US); **H10K 85/211** (2023.02 - EP US); **H10K 85/324** (2023.02 - EP US); **H10K 85/342** (2023.02 - EP US); **H10K 85/344** (2023.02 - EP US); **H10K 85/631** (2023.02 - EP US); **H10K 85/6572** (2023.02 - EP US)

Citation (examination)  
US 5885498 A 19990323 - MATSUO MIKIKO [JP], et al

Designated contracting state (EPC)  
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